

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S13	6606	347/11,10,15,12,8,5,9,57.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/05 23:03
S14	5524	347/11,10,15,12,8,5,9,57.ccls. and (pulse near3 (timing or time or timer) near "3" (signal or voltage or waveform) or (tim\$3 near2 (pulse or signal or voltage or waveform)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/05 23:04
S15	2500	347/11,10,15,12,8,5,9,57.ccls. and (pulse near3 (timing or time or timer) near3 (signal or voltage or waveform) or (tim\$3 near2 (pulse or signal or voltage or waveform)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/05 23:05
S16	8	347/11,10,15,12,8,5,9,57.ccls. and ( (pulse near3 (timing or time or timer) near3 (signal or voltage or waveform) or (tim\$3 near2 (pulse or signal or voltage or waveform))) ( (dot or droplet or drop or ejection) near4 (position or location or land \$3) near4 (displacement or displac \$3 or shift\$3)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/06/05 23:06
S18	6	347/11,10,15,12,8,5,9,57.ccls. and ( ( (dot or droplet or drop) near4 (position or location or land\$3 or pixel) near4 (displacement or displac \$3 or shift\$3) ) ( ((pulse or driving) near3 (timing or time or timer) near3 (signal or voltage or waveform)) or (tim\$3 near2 (pulse or signal or voltage or waveform)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/06/05 23:46
S21	12	S20 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/06/06 00:16

S20	18	"347"/\$\$\$ ccls. and ( ( (dot or droplet or drop) near4 (position or location or land\$3 or pixel) near4 (displacement or displac\$3 or shift \$3) ) ( ((pulse or driving) near3 (timing or time or timer) near3 (signal or voltage or waveform)) or (tim\$3 near2 (pulse or signal or voltage or waveform)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/06/06 00:16
S22	45	"347"/\$\$\$ ccls. and ( ( (dot or droplet or drop) near4 (position or location or land\$3 or pixel) near4 (displacement or displac\$3 or shift \$3) ) ( ((pulse or driving) near3 (timing or time or timer) near3 (signal or voltage or waveform)) or (tim\$3 near2 (pulse or signal or voltage or waveform)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/06 00:40
S24	27	S22 not S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/06 00:46
S33	127	((HIROKAZU) near2 (NUNOKAWA)). INV.	US-PGPUB; USPAT	OR	ON	2010/11/20 03:47
S35	3	S34 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/20 03:48
S34	960	347/10.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/20 03:48
S36	16	347/11,10,15,12,8,5,9,57.ccls. and ( ( (dot or droplet or drop) near4 (position or location or land\$3 or pixel) near4 (displacement or displac \$3 or shift\$3) ) ( ((pulse or driving) near3 (timing or time or timer) near3 (signal or voltage or waveform)) or (tim\$3 near2 (pulse or signal or voltage or waveform)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/11/20 03:50
S37	840	347/10.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/20 03:51
S38	664	347/11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/20 09:20

S39	16	347/11,10,15,12,8,5,9,57.ccls. and ( ( (dot or droplet or drop) near4 (position or location or land\$3 or pixel) near4 (displacement or displac\$3 or shift\$3) ) ( (pulse or driving) near3 (timing or time or timer) near3 (signal or voltage or waveform)) or (tim\$3 near2 (pulse or signal or voltage or waveform)) ) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/12/04 21:03
L1	128	((HIROKAZU) near2 (NUNOKAWA)). INV.	US-PGPUB; USPAT	OR	ON	2010/12/04 22:44
L7	0	"347"/\$\$\$ccls.and ( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/12/04 23:35
L5	0	347/11,10,15,12,8,5,9,57.ccls.and ( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/12/04 23:35
L4	0	347/11,10,15,12,8,5,9,57.ccls.and ( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/12/04 23:35
L9	0	( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/12/04 23:36
L12	0	"347"/\$\$\$ccls.and ( ((timing or time)near3(signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/12/04 23:37

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	0	"347"/\$\$\$ccls.and ( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	USPAT; UPAD	AND	ON	2010/12/04 23:35

L6	0	347/11,10,15,12,8,5,9,57.ccls.and ( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	USPAT; UPAD	AND	ON	2010/12/04 23:35
L10	0	( ((timing or time) adj defin\$3 (signal or pulse or voltage or waveform)) (first near2 drop) (second near2 drop) (displacement or displac\$3 or shift\$3) (raster) ).clm.	USPAT; UPAD	AND	ON	2010/12/04 23:36

**12/ 4/ 2010 11:48:08 PM**

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